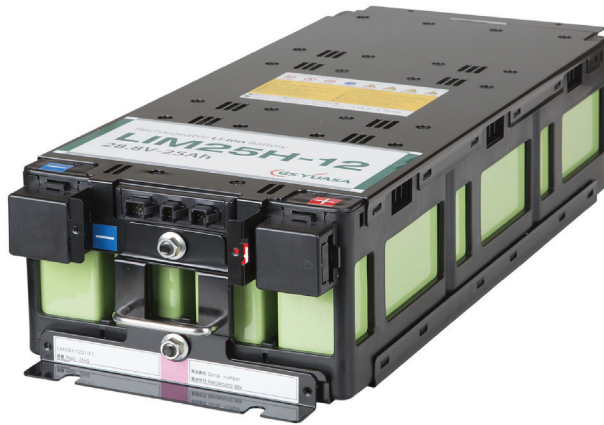




# LIM25H SERIES

## Lithium-ion Battery

### RELIABILITY AND HIGH PERFORMANCE VERSATILE LITHIUM-ION MODULES FOR THE DEMANDS OF HIGH POWER PROJECTS



#### ABOUT THE LIM25H SERIES

The LIM25H SERIES from GS Yuasa is a premium rechargeable Lithium-Ion battery module. These modules are manufactured in Japan using the highest quality components and under rigorous Japanese quality control standards. These long service life, high cycle life batteries are designed to deliver excellent performance in high-power applications where high charge and discharge rates are required.

The LIM25E SERIES battery module is ideally engineered for requirements of high-power energy storage applications including; grid-scale Frequency Regulation, Uninterruptable Power Supplies (UPS), Regenerative Braking Systems (i.e. Train Brakes, Cranes) and Automated Guided Vehicles (AGV). The high performance LIM25H SERIES from GS Yuasa is an excellent choice for any energy storage application requiring extremely reliable performance and high power delivery capability.



#### SUPERIOR CYCLE LIFE

Engineered to deliver high cycle life and high power. These batteries are rated for **10,000+ cycles at 100% Depth of Discharge.**



#### EXCELLENT HIGH CURRENT CHARGE/ DISCHARGE CAPABILITY

Designed for high specific power density and **peak charge and discharge rates up to 24C.**



#### PARTIAL STATE OF CHARGE PERFORMANCE

Not effected by **partial state of charge (PSOC) operation.** The formation of sulfate crystals that causes early failure in other battery chemistries is not a factor in this battery.



#### RAPID CHARGING

Engineered to accept a charge extremely rapidly. These batteries can **charge to 90% of rated capacity in less than 15 minutes.**



#### INTEGRATED BATTERY MANAGEMENT SYSTEM (BMS)

Includes an integrated BMS which **actively balances cells and monitors cell voltage, temperature, state of charge (SOC), over-current, over-charge and provides fault detection via CANbus or RS485.**

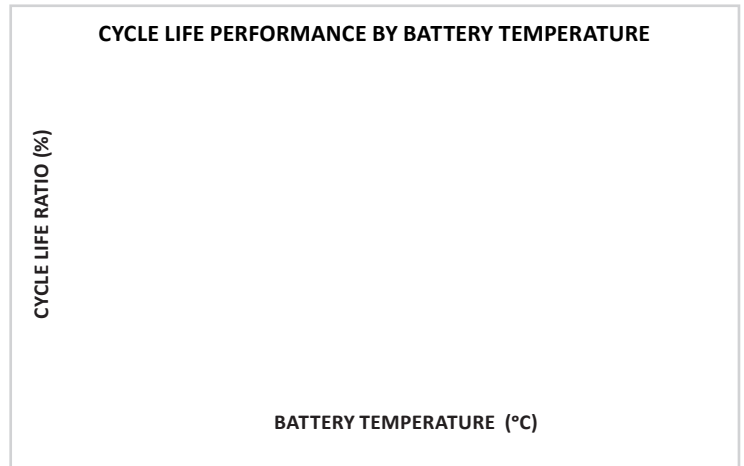
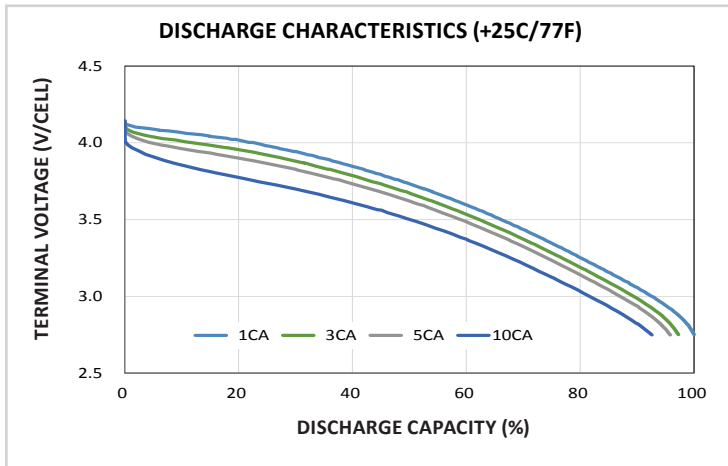
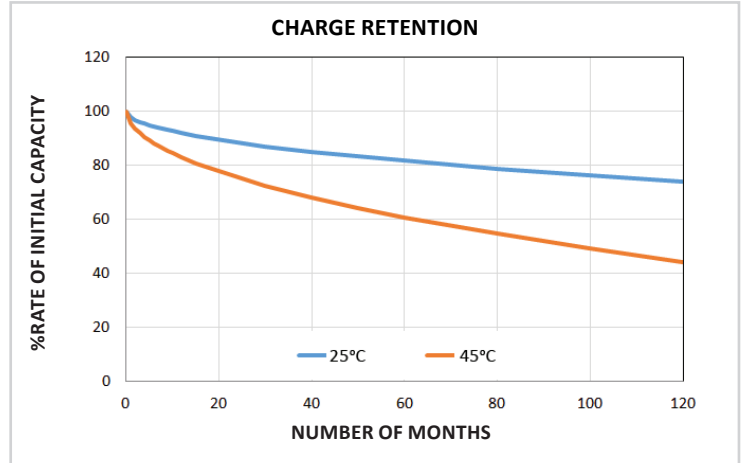
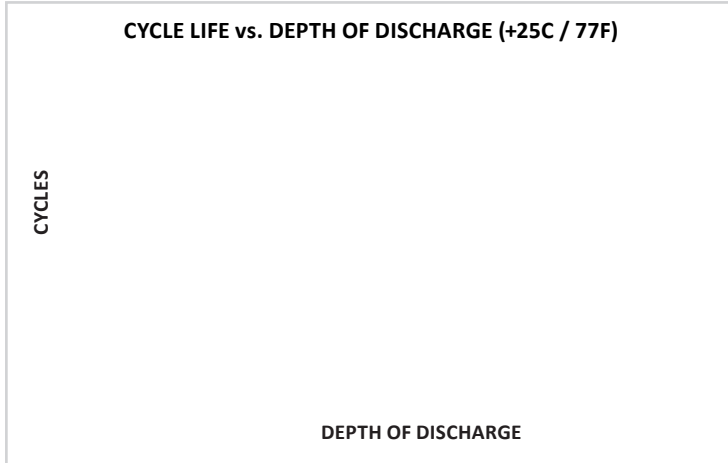
#### ABOUT GS

**GS BATTERY (U.S.A.) INC.** is an American subsidiary of GS Yuasa Corporation Japan, the global leader in energy storage. Our batteries and energy storage systems are manufactured to the highest standards and deliver high quality, long life and superior performance in a wide variety of mission critical applications. GS Battery's products deliver reliable battery power for Telecommunications, Renewable Energy, Uninterruptible Power Supply (UPS), Emergency Lighting, Power Sports, and Automotive industries.

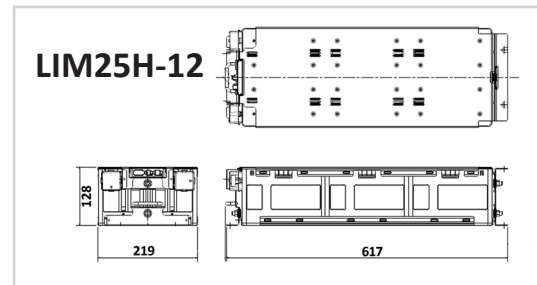
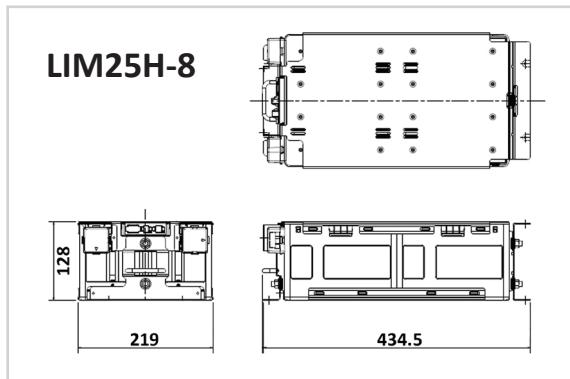
FIND OUT MORE



The data is for reference purposes. Actual performance varies by condition.



MODEL NUMBER	NOMINAL VOLTAGE	RATED CAPACITY	DIMENSIONS						BATTERY WEIGHT	
			L		W		TH		kg	lbs.
			mm	in.	mm	in.	mm	in.		
LIM25H-8S1-F1	28.8	25.0	440	17.32	219	8.62	128	5.04	17.5	38.58
LIM25H-12S1-F1	43.2		617	24.29					27.0	59.52



#### Dealer Information